

Exhibit 5

THOMAS S. GULOTTA
COUNTY EXECUTIVE



John B. Branche, MD, FAAP
COMMISSIONER

FRANCIS V. PADAR, P.E., M.C.E.
DEPUTY COMMISSIONER FOR
ENVIRONMENTAL HEALTH

NASSAU COUNTY
DEPARTMENT OF HEALTH

240 OLD COUNTRY ROAD
MINEOLA, NEW YORK 11501

June 28, 1990

Mr. Nicholas J. Bartilucci, P.E.
Dvirka and Bartilucci
6800 Jericho Turnpike
Syosset, N.Y. 11791

Re: Granular Activated Carbon
Treatment at Wells Number 1 & 2
Bowling Green Water District
(NCDH File # 1431-90)

Dear Mr. Bartilucci:

This Department has completed the review of the plans and specifications for the above referenced project. Although the Department does not necessarily agree with the assessments presented by your organization and the Town of Hempstead's eagerness to utilize GAC treatment; the Department can not reject the proposal due to the lack of data supporting our view that Methylene Chloride will indeed reach the supply wells and render the GAC units obsolete.

Enclosed please find a copy of approved plans and specifications accompanied by for GEN 207 "Approval of Plans for Public Water Supply Improvement".

Sincerely yours,

A handwritten signature in cursive script, reading "Shahriar Taj-Taraghi".

Shahriar Taj-Taraghi
Public Health Engineer I
Bureau of Public Water Supply

cc: New York State Department of Health
Attn: Gilbert M. Faustel, P.E.
Attn: George Philip, P.E.
Town of Hempstead Department of Water
Attn: Daniel Davis, P.E.

14311

CONDITIONS

- f. The treatment objective for this facility is to reduce the level of each volatile organic contaminant to 1-2 µg/l and the total organics to between 10 and 20 µg/l in the finished water.

If at any time this objective is not met, modifications to the treatment system may be required as determined by the Bureau of Public Water Supply of the Nassau County Department of Health.

- g. Prior to issuing a Completed Works Approval, the system is to be thoroughly tested. Sampling of both raw and treated water shall be taken and analysis shall be conducted by a New York State approved lab in conformance with EPA method 502.1 Volatile Halocarbons and 503.1 Volatile Aromatics. The results of these analyses are to be submitted for the Departments review. If the results are determined to be satisfactory, the treatment facility can be placed in service. If, however, the results are unsatisfactory, additional sampling will be required. The frequency and the number of the samples taken should be in accordance with the latest version of Nassau County Department of Health's requirements for Granular Activated Carbon Plant Testing.
- h. If it is determined at any time that the results are unsatisfactory, the operation of the facility is to be curtailed until such time as satisfactory modifications to the system and/or additional treatment is provided.

APPROVAL OF PLANS
FOR PUBLIC WATER SUPPLY IMPROVEMENT

This approval is issued under the provisions of 10 NYCRR, Part 5:

1. Applicant: Town of Hempstead Dept. of Water	2. Location of Works (C, V, T): Town of Hempstead	3. County: Nassau	4. Water District (Specific Area Served) Bowling Green
5. Type of Project:			<input type="checkbox"/> 7 Distribution <input type="checkbox"/> 8 Storage <input checked="" type="checkbox"/> 9 Other
<input type="checkbox"/> 1 Source <input type="checkbox"/> 2 Transmission			<input type="checkbox"/> 3 Pumping Units <input type="checkbox"/> 4 Chlorination <input type="checkbox"/> 5 Fluoridation <input type="checkbox"/> 6 Other Treatment
REMARKS: Installation of Granular Activated Carbon Treatment at Wells 1 & 2 NCDH File #1431-90			

By initiating improvement of the approved supply, the applicant accepts and agrees to abide by and conform with the following:

- a. THAT the proposed works be constructed in complete conformity with the plans and specifications approved this day or approved amendments thereto.
- b. THAT the proposed works not be placed into operation until such time as a Completed Works Approval is issued in accordance with Part 5 of the New York State Sanitary Code.
- c. THAT any proposed deviation from the plans and specifications be brought to the attention of the NCDH and shall receive approval prior to initiation.
- d. THAT the project shall be under the supervision of a person or firm qualified to practice professional engineering in the State of New York under Education Law of the State of New York.
- e. THAT the person or firm supervising the project certify to the NCDH and to the permittee that the facilities have been under his supervision and that the works have been fully completed in accordance with the approved engineering report, plans, specifications and permit.

ISSUED FOR THE STATE COMMISSIONER OF HEALTH

(see attached for special conditions f-h)

June 28, 1990

Date

Donald H. Myatt, P.E.
Designated Representative
Michael J. Alarcon, M.C.E., P.E.
Director, Bureau of Public Water Supply
Nassau County Department of Health

Name and Title (print)

Distribution: White -- Applicant
Pink -- Central Office (BPWS)

Yellow -- File (LHO or DHO)
Blue -- Other

NASSAU COUNTY DEPARTMENT OF HEALTH

ORGANIC CHEMICAL REMOVAL PLANT TESTING REQUIREMENTS

TYPE OF ANALYSIS	SAMPLE LOCATION	PRELIMINARY TESTING [3]		ROUTINE TESTING [5]
		RUN TIME [4]	NUMBER OF SAMPLES	FREQUENCY
(1)	(2)	(3)	(4)	(5)
Bacteriological	Raw and Treated Water	Series: 0, 2, 5, 10 30'	5	MONTHLY
Physical (pH, Temperature and Turbidity)	Raw and Treated Water	1 Hr	1	ANNUALLY
Inorganic [1]	Raw and Treated Water	1 Hr	1	ANNUALLY
Organic Chemicals (Design Contaminants)	Raw and Treated Water	1 Hr	1	MONTHLY
Organic Chemicals [2]	Raw and Treated Water	1 Hrs	1	QUARTERLY

NOTES:

- [1] COMPLETE INORGANIC CHEMICAL ANALYSIS TO INCLUDE ALL CONSTITUENTS LISTED IN SEC. 5-1.51 AND 5-1.52, PART 5, STATE SANITARY CODE.
- [2] PRINCIPAL ORGANIC CONTAMINANTS (POCs) AND VINYL CHLORIDE TESTING BY NYS APPROVED LABORATORY IN CONFORMANCE WITH USEPA METHODS SPECIFIED BY PART 5, STATE SANITARY CODE.
- [3] PRELIMINARY TESTING IS REQUIRED PRIOR TO ISSUANCE OF HCON APPROVAL TO OPERATE THE PLANT TO THE DISTRIBUTION SYSTEM AND AFTER PERIODS OF EXTENDED PLANT SHUTDOWN AS MAY OCCUR DURING THE WINTER.
- [4] THE AIR STRIPPING PLANT SHOULD BE FLUSHED TO WASTE, SHUT DOWN OVERNIGHT PRIOR TO COLLECTION OF THE PRELIMINARY TEST SAMPLES. RUN TIMES ARE AFTER AN OVERNIGHT SHUTDOWN.
- [5] TESTING TO BE DONE ROUTINELY AFTER FIRST YEAR OF OPERATION TO BE TAKEN AFTER MINIMUM 1 HOUR RUN TIME.

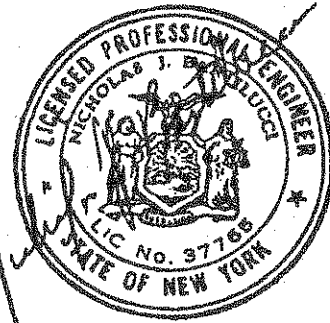
Rev. 6/21/90

TOWN OF HEMPSTEAD
DEPARTMENT OF WATER

CONSTRUCTION OF BOWLING GREEN ESTATES
WATER TREATMENT PLANT

CONTRACT PW#8-90 - GENERAL CONSTRUCTION

NOTICE TO BIDDERS, INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS,
TOWN FORMS, SPECIAL CONDITIONS, TECHNICAL SPECIFICATIONS AND DRAWINGS



DVIRKA AND BARTILUCCI
CONSULTING ENGINEERS
SYOSSET, NEW YORK

APPROVED

APRIL 990 NASSAU COUNTY DEPARTMENT OF HEALTH
PLAN No. 1431-90

2502E

GATES

NASSAU COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

MIAMI, N.Y. June 28, 1990

THESE PLANS FOR GAC installation at
Bowling Green Estates Wells 1 & 2
ARE HEREBY APPROVED SUBJECT TO THE PROVISIONS OF THE PERMIT
THIS DAY.

for F.V. Padua / Donald H. Hight, P.E.
LOCAL PUBLIC HEALTH ENGINEER

SHEET 1 OF 14 PLAN No. 1431-90

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AL MODIFICATION PLAN

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TOWN OF HEMPSTEAD
DEPARTMENT OF WATER
NASSAU COUNTY, NEW YORK

FURNISHING AND INSTALLING GRANULAR ACTIVATED CARBON
ADSORPTION SYSTEM
AT THE
BOWLING GREEN ESTATES BOOSTER PUMP STATION

Advertisement for Bids, Instructions to Bidders, Bid, Bid Bond,
Agreement, Technical Specifications, Maintenance bond and Drawings



APPROVED

NASSAU COUNTY DEPARTMENT OF HEALTH

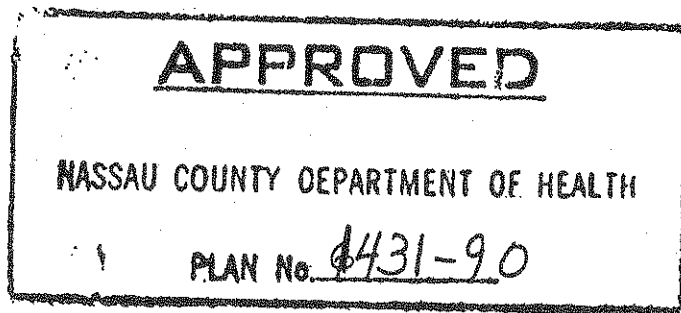
PLAN No. 1431-90

UNAUTHORIZED ALTERATION OR ADDITION
TO THIS DOCUMENT IS A VIOLATION OF
SECTION 7209 OF THE NEW YORK STATE
EDUCATION LAW

Prepared By

Dvirka and Bartilucci
Consulting Engineers
Syosset, New York

TOWN OF HEMPSTEAD
BOWLING GREEN ESTATES WATER DISTRICT
WELLS 1 AND 2
CARBON ADSORPTION SYSTEM
DESIGN REPORT



Dvirka and Bartilucci
Consulting Engineers
Syosset, New York

Exhibit 6

ADOPTED: June 19, 1990

Councilman Cairo offered the following resolution and moved its adoption:

RESOLUTION ACCEPTING LOW BID OF E.B.C. CORPORATION FOR THE CONSTRUCTION OF BOWLING GREEN ESTATES WATER TREATMENT PLANT, PW-8-90 (REBID), GENERAL CONSTRUCTION IN THE BOWLING GREEN ESTATES WATER DISTRICT, TOWN OF HEMPSTEAD.

WHEREAS, the Commissioner of General Services, Town of Hempstead on behalf of the Department of Water, duly advertised for bids for the Construction of the Bowling Green Estates Water Treatment Plant, Bowling Green Estates Water District as per specifications and plans prepared by Dvirka & Bartilucci Consulting Engineers; and

WHEREAS, the bids submitted pursuant to such advertisement were opened and read in the office of the Commissioner of General Services on June 6, 1990 at 11:00 A.M. in the forenoon; and

WHEREAS, the following bids were received and referred to the Commissioner of the Department of Water and said Consulting Engineer for examination and report:

E.B.C. Corp.	\$395,466.00
Bensin Contracting, Inc.	\$443,680.00
Centrum Construction Co.	\$481,500.00
Bancker Construction Corp.	\$515,000.00
New Horizons Land Dev.	\$543,543.00
DeSanto Construction	\$566,718.00
C.F. Mentzinger's Son, Inc.	\$657,800.00

and

WHEREAS, the Commissioner of the Department of Water and said Consulting Engineer reported that the lowest bid in the amount of \$395,466.00 was received from E.B.C. Corporation; and

WHEREAS, the Commissioner of the Department of Water and said Consulting Engineer recommended the acceptance of said low bid of E.B.C. Corporation in the amount of \$395,466.00 to the Town Board and it appears that said bidder is duly qualified.

NOW, THEREFORE, BE IT

RESOLVED, that the low bid of E.B.C. Corporation, 8 North Tyson Avenue, Suite 1, Floral Park, New York 11001 in the amount of \$395,466.00 for the Construction of Bowling Green Estates Water Treatment Plant in the Bowling Green Estates Water District, as per specifications and plans be accepted subject to the execution of a contract by it; and BE IT FURTHER

RESOLVED, that upon execution of the contract by the successful bidder, and the submission of the required labor and materials and performance bonds and necessary insurance and the approval of the Town Attorney, the Presiding Supervisor be and he hereby is authorized to execute the said contract on behalf of the Town of Hempstead; and BE IT FURTHER

RESOLVED, the performance, labor and materials bonds and insurance of the bidder, when approved by the Town Attorney as to form, be filed with the Contract in the Town Clerk's Office; and BE IT FURTHER

RESOLVED, that the Presiding Supervisor be and he hereby is authorized, when the Town Clerk shall have certified to him that the contract, bonds and insurance of said E.B.C. Corporation have been duly executed and filed in his office to return to the bidders, including the successful bidder, their bid deposit checks as soon as practicable by certified mail; and BE IT FURTHER

RESOLVED, that the Presiding Supervisor be and he hereby is authorized to make payments under the contract executed by the successful bidder from the following Capital Outlay Accounts SW501-301, SW502-301, SW503-301, SW506-301, SW507-301 wherein the allocation of payments shall be made as follows, SW501-301 (6.5%), SW502-301 (31.2%), SW503-301 (22.7%), SW506-301 (24.0%), SW507-301 (15.6%).

The foregoing resolution was adopted upon roll call as follows:

AYES: EIGHT (8)

NOES: NONE (0)

Exhibit 7

Office of the Town Clerk

**TOWN OF HEMPSTEAD
INTER-DEPARTMENTAL MEMO**

TO : MICHAEL A. GREENE - TOWN COMPTROLLER
FROM : RICHARD A. WORRALL - DEPUTY TOWN CLERK
DATE : July 16, 1990
SUBJECT : CONTRACT (PW # 8-90) Accepting low bid
for construction of Water Treatment Plant
Bowling Green Estates Water District

Awarded: E.B.C. Corp.
June 19, 1990 - Resolution No. 792-1990

Contract, Performance Bond, Labor & Material
Payment Bond and Insurance, covering the
above have been approved, executed and filed
in the Office of the Town Clerk, together
with Bid Bond.

Attached herewith is duplicate copy of
Contract for your files.

Richard A. Worrall

Deputy Town Clerk

sb
atts.

cc: Dir. of Finance - Mr. Garretson
Dept. of General Services - Mr. Trias
w/cc Insurance & Bonds
Div. of Public Works w/Contract
Dept. of Purchasing
Dept. of Water

Exhibit 8



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

6800 Jericho Turnpike, Syosset, New York 11791
516-364-9892 • Fax: 516-364-9045

December 10, 1990

Nassau County Department of Health
Bureau of Public Water Supply
240 Old Country Road
Mineola, New York 11501

Attention: Shahriar Taj-Taraghi
Public Health Engineer I

Re: Petition for Substantial Completion
NCDH File #1431-90
Bowling Green Estates Water District
Granular Activated Carbon Treatment
D&B No. 1014-C

Gentlemen:

It would be most appreciated if, at your earliest convenience, a certificate for substantial completion be issued for the granular activated carbon piping system.

The system has not been filled with carbon. At present, the water quality from each of the two wells is within Health Department standards. The Town of Hempstead at this time requests permission to operate these wells while bypassing the granular activated carbon (GAC) vessels until such time that mandatory treatment becomes necessary. We are cognizant of the special conditions of the permit and as such, shall abide by those conditions when carbon treatment becomes necessary. Enclosed for your records are satisfactory bacteriological analysis for Carbon Unit No. 2 and No. 3, piping, and bypass line. Carbon Unit No. 1 has since been disinfected. Satisfactory bacteriological analysis will be forwarded to your office upon receipt from the laboratory.

We provided full-time observation throughout the period of construction and have determined that the work completed is in general conformance with the requirements at the plans and specifications as approved by the Health Department.

RECEIVED
TOWN OF HEMPSTEAD
WATER DEPARTMENT
EAST HEMPSTEAD, N.Y.
DEC 17 9 50 AM '90

DYIRKA AND BARTILUCCI

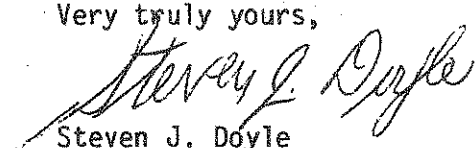
Nassau County Department of Health
December 10, 1990

Page 2

As-built plans are presently being generated to reflect field changes. Copies of the plans will be submitted to your office upon completion.

Should you have any questions, please contact our office.

Very truly yours,


Steven J. Doyle

SJD:ft
Enclosure

cc: Commissioner Daniel Davis ✓
Jack Nevader, Deputy Commissioner

RECEIVED
TOWN OF HEMPSTEAD
WATER DEPARTMENT
EAST HEMPSTEAD, N.Y.
DEC 17 9 49 AM '90

Exhibit 9

DEPARTMENT OF WATER

TOWN OF HEMPSTEAD

• INTER-DEPARTMENTAL MEMO •

HAND DELIVERED


To : Ronald Levinson, Town Attorney
From : Daniel Davis, P.E., Commissioner
Date : May 2, 1995
Subject : New Cassel Industrial Area Inactive Hazardous Waste Site

Appropos of our telephone conversation of this date I am enclosing information relating to the above site from the New York State Department of Environmental Conservation.

Because of the serious impact of pollutants emanating from the above site on the Department's Bowling Green Estates Water District two public wells, the Department plans to attend a community meeting on May 16, 1995 in New Cassel at the Park Avenue School at 7:00 P.M. which is being conducted by the New York State Department of Environmental Conservation.

It would be appreciated if your office could arrange for a Deputy Town Attorney to accompany the writer, in as much as the Town will be seeking redress to recover expenses associated with the installation and operation of Granular Activated Carbon Filters at the Bowling Green Estates Water District Iris Place Pumping Station. These filters were installed to remove the presence of organic contaminants which appear to be linked to the New Cassel site.

Thank you.



Daniel Davis, P.E.,
Commissioner

DD:tp
encl.

cc: Dvirka & Bartilucci

bcc: Jim Richards, Executive Assistant to the Presiding Supervisor
Harold Morgan, Administration

Exhibit 10

New York State Departments of
Environmental Conservation (NYSDEC) and Health (NYSDOH)
Public Informational Meeting
New Cassel Industrial Area Inactive Hazardous Waste Site
New Cassel, Town of North Hempstead
May 16, 1995 7:00 PM

- I Welcome and Purpose of Meeting
Joshua Epstein, NYSDEC Citizen Participation Specialist
- II Statement of NYSDEC Regional Director Ray Cowen
- III Statement by May Newburger, Supervisor, Town of North Hempstead
- IV Citizen Participation Activities to Date
Joshua Epstein
- V Brief History of the Site
David Harrington, NYSDEC Project Manager
- VI Conduct of the Site Investigation
Ed Maikish, Lawler, Matusky & Skelly Engineers (Consulting Firm)
- VII Investigation Conclusions and Results
David Harrington
- VIII Role of New York State Department of Health
Maureen Schuck, NYSDOH Public Health Specialist
- IX Next Steps
John Swartwout, NYSDEC Program Director
- X Questions and Answers
Joshua Epstein, Moderator

Resource

Ajay Shah, NYSDEC Regional Hazardous Waste Engineer
Representative from NYSDEC Regional Air Quality Unit
Jeanna Hussey, NYSDEC Division of Environmental Enforcement
Mark Van Valkenburg, NYSDOH Public Health Specialist
Nina Knapp, NYSDOH Health Liaison Specialist
John Lovejoy, Nassau County DOH, Bureau of Water Supply Protection

Please sign in and provide your complete name and address so that we can include your name in subsequent mailings.

Exhibit 11

79199

GREGORY P. PETERSON
PRESIDING SUPERVISOR



OFFICE OF THE
PRESIDING SUPERVISOR
TOWN OF HEMPSTEAD
1 WASHINGTON STREET, HEMPSTEAD, N.Y. 11550-4923
(516) 489-5000

May 23, 1995

Michael J. O'Toole, Jr., P.E.
Director
Division of Hazardous Waste Remediation
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, New York 12233-7010

RE: New Cassel Industrial Area

Dear Mr. O'Toole:

We, at the Town of Hempstead, are very concerned about the contamination at the New Cassel Industrial Area. To date, the concerted effort of the New York State Department of Environmental Conservation and the New York State Department of Health have remained focused on the New Cassel/Westbury areas located within the Town of North Hempstead. However, as illustrated in attached Figure 7-1, two of our wells are only 500' from the New Cassel Industrial Area and are directly in the path of several identified plumes.

In 1986, the Nassau County Department of Health determined that high levels of toxic chemicals in groundwater were moving from the New Cassel Industrial Area toward three public water supply wells. We have recently reviewed the document entitled "Site Investigation Report - New Cassel Industrial Area," date February 1995. The current report neglects to explain how far the contaminated groundwater has moved since it was first identified almost 10 years ago. In fact, it was reported at the May 16th Public Meeting held in New Cassel that, to date, no off-site testing has been conducted to determine the extent of the plumes. However, based upon the results of the investigation of the New Cassel Industrial Area, it is apparent from the types of contaminants found, the location of identified groundwater contamination and the direction of groundwater flow in the study area, the condition of the Town of Hempstead Bowling Green water supply wells is the result of contamination emanating from the industrial area. (Please refer to the aforementioned Figure 7-1). The wells are the only source of supply to the entire water district. Therefore, it is extremely urgent and the Town formerly requests that the DEC take the necessary remedial steps to prohibit

SSB 000840

the continued onslaught of the contaminants from the New Cassel Industrial Area into our wells.

Beginning in 1986, an increase in the levels of contaminants began to show in the Bowling Green Estates Water District wells. The Town of Hempstead, because of the threat of contamination identified in the 1986 Nassau County Department of Health Study, and its responsibility to serve residents within the Bowling Green Water District, as well as the neighboring Roosevelt Field Water District on an emergency basis, with an adequate and safe supply of potable water, installed an activated carbon treatment system on the Bowling Green wells in 1991.

While, to date, the carbon treatment system has kept the water within quality standards, the substantial increase in the levels of contamination in the Bowling Green wells since 1992 (see attached table), and the fact that the levels will likely continue to increase as a result of the finding of very high levels of contamination in the industrial area which is migrating toward the wells, has forced the Town to reevaluate the carbon treatment system. The carbon treatment system, by itself, is becoming less effective as the levels of contamination rise, and very costly to maintain. The Town has determined the need to install a supplemental water treatment system which will comprise air strippers to remove the contaminants, followed by carbon polishing, if necessary, to achieve drinking water standards.

Because the contamination is migrating from identified New York State Superfund sites, and the residents of the Bowling Green Water District would not have an adequate and safe supply of potable water without treatment of the Bowling Green wells, it is our understanding that provision for treatment for these wells is eligible for funding under the New York State Superfund Program. The Town is not seeking reimbursement for the cost of treatment it has already expended for these wells, but is requesting funding for supplementing the existing treatment systems to improve effectiveness and reduce the cost of treatment to those served by the Bowling Green Water District.

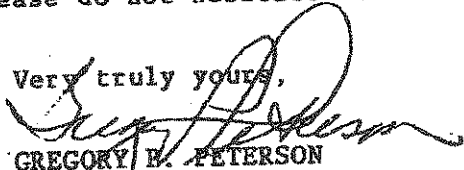
We view the need to safeguard the health of the residents of the Bowling Green Water District as a high priority for the Town of Hempstead. As a result of the needs of the residents of the Bowling Green Water District, and based upon the commitment made by your Department at the Public Meeting held on May 16th in New Cassel to protect public health resulting from contamination from the New Cassel Industrial Area in an expeditious manner, the Town of Hempstead is hereby formally requesting Superfund

financial assistance in providing additional treatment for the Bowling Green water supply wells.

We further seek a full, immediate and intensive investigation by the DEC to determine who all the polluters are so that they will be held accountable for their actions.

We anxiously await a response and assistance from your office, and more importantly to arrange for a meeting with you to discuss that matter. In the interim, if you have any questions with regard to this letter, or require additional information, please do not hesitate to call me.

Very truly yours,


GREGORY H. PETERSON
Presiding Supervisor

GPP/lp

Attachments

cc: Honorable George E. Pataki
Honorable Donna Ferrara
Ray Cowen, Region I DEC Director

Exhibit 12

DEPARTMENT OF WATER

TOWN OF HEMPSTEAD

• INTER-DEPARTMENTAL MEMO •

To : File

From : Daniel Davis, P.E., Commissioner

Date : May 30, 1995

Subject : New Cassel Industrial Area

The writer spoke this afternoon with Mr. Jay Hershkowitz of 2623 Flower Street, Westbury (telephone number 338-4331).

Mr. Hershkowitz had contacted the office of J. Richards to discuss the recently received letter from the Presiding Supervisor regarding the New Cassel Industrial area and steps that are being taken to provide for the protection of the public supply wells located at the Iris Place Pump Station.

In discussion with Mr. Hershkowitz he indicated that he was not in complete agreement with the letter of the Presiding Supervisor in that he felt that more emphasis should have been placed on the cleanup of the New Cassel Industrial Site, which is extremely important to the residents of the Salisbury area. The writer explained that the immediate need at this point in time, on a short term basis, is the protection of the two supply wells at the Iris Place Pump Station and that it is necessary to provide additional treatment to ensure that treated water from the Station meets all drinking water standards and that only after the report from the New York State Department of Environmental Conservation in February was made available was the Town and the Department aware of the seriousness of the groundwater contamination in the New Cassel Industrial Area and the presence of VOC plumes in the groundwater moving in a southwesternly direction towards the two public supply wells.

Mr. Hershkowitz is also concerned about the quality of air in the area resulting from emissions coming also from the New Cassel Industrial Area which was called to the attention of the New York State Department of Environmental Conservation at the May 16th community meeting in New Cassel. As Mr. Hershkowitz properly noted this is a matter for the Nassau County Department of Health who from all indications and according to Mr. Hershkowitz has done little to remedy the problem.

The writer concurred with Mr. Hershkowitz that steps must be taken in addition to providing protection for the public supply wells at the Iris Place Pump Station, that remediation steps efforts should commence immediately, if not sooner at the New Cassel Industrial Site, notwithstanding statements that they are legally bound to first identify those property owners who can be held responsible for contamination of the groundwater supply and only after that has been determined can they consider remediation efforts. As stated at the May 16th community meeting this process could take anywhere from 7 - 10 years, during which time the groundwaters of the Town of Hempstead would continue to be contaminated.

- 2 -

The writer explained to Mr. Hershkowitz that the Department is fast tracking the installation of an air stripping tower at the Iris Place Pump Station and that the tower will be in service no later than Labor Day of this year and is being installed at this point in time as a precautionary measure. Mr. Hershkowitz was pleased to hear this and asked the writer if the Department would be kind enough to keep him appraised of the developments in remediation of the groundwater supply in that area, as well as progress of work at the Iris Place Pump Station. The writer indicated that he would be pleased to do so.

DD:tp

Exhibit 13

DEPARTMENT OF WATER

TOWN OF HEMPSTEAD

• INTER-DEPARTMENTAL MEMO •

To : File
From : Daniel Davis, P.E., Commissioner
Date : May 31, 1995
Subject : New Cassel Industrial Area

The writer received a request this date from Jim Richard's office, regarding an inquiry from a Mrs. Papain of 1033 Bowling Green Drive, Westbury, New York (telephone number 333-5210) regarding the recent letter sent to the Bowling Green Estates Water District from the Presiding Supervisor.

Mrs. Papain indicated, as a senior citizen, a concern that the drinking water she receives is safe to drink and in addition that it may become contaminated from the chemicals coming into the groundwater from the New Cassel Industrial Area, and she feels that it may be necessary to buy bottled water.

The writer explained to Mrs. Papain that the water is safe to drink and has been up to the present time and will continue to do so, it is tested on a monthly basis and the Department has in place granular activated carbon filters to remove any of the chemicals that may come into the groundwater from the New Cassel area and that we have at our two wells 120,000 pounds of granular activated carbon to filter all water which is treated before going into the public water supply system.

The writer also explained to Mrs. Papain that we are proceeding to install additional treatment at the location of the two wells that will be in service by Labor Day, that will ensure that any increases in chemicals in the groundwater supply will be removed and that the water that we serve the customers of the Bowling Green Estates Water District will continue to be free of any of these chemicals.

Mrs. Papain seemed to be satisfied with the writer's explanation and the writer also indicated that the Department and the Presiding Supervisor's Office will continue to pursue cleanup of the industrial area site and that is a top priority with the Town.

DD:tp

Exhibit 14



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

6800 Jericho Turnpike, Syosset, New York 11791
516-364-9892 • Fax: 516-364-9045

TELEFAX NO.: 516-364-9045

DATE: 5/30/95

TO: Town of Hempstead
Department of Water
ATTENTION: Daniel Davis, P.E., Comm.
TELEFAX NO.: 799-1355
FROM: Bob Burns
NO. OF PAGES: 4
(including cover sheet)

SUBJECT: Bailey Green
Estates W.D. Air Strip

MESSAGE: Dear Dan -
I would recommend option
No. 3 -
At @ overall tower height
of 31' we can treat up to 200 ug/l
of TCE to an effluent of 4 ug/l max.
and add 10' later to treat up
to 500 ug/l to an effluent of 4 ug/l max.
Please Call after you review
Bob

The telecopier model we operate is 7020 by XEROX



ENVIRONMENTAL PRODUCTS DIVISION

May 26, 1995

Mr. Robert T. Burns, P.E.
Dvirka and Bartilucci Consulting Engineers
6800 Jericho Turnpike
Syosset, NY 11791

Re: Air Stripping System
Bowling Green Estates Water District

Dear Mr. Burns:

Hydro Group, Inc. is pleased to submit the attached quotation to supply and deliver a packed column air stripping system for the referenced project.

As you requested during our May 25, 1995 meeting, we have worked up pricing for four (4) air stripping tower options capable of removing TCE from groundwater at a minimum water temperature of 50 °F. These options are summarized as follows:

OPTION	MODEL	TOWER DIA.	PBD	TOWER HEIGHT	TCE REMOVAL	DESIGN WATER FLOW	BLOWER VOLUME
1	PCS-115.19	9.55'	19'	30'	98%	2,100 gpm	19,250 cfm
2	PCS-115.25	9.55'	25'	36'	99%	2,100 gpm	19,250 cfm
3	PCS-130.19	10.82'	19'	31'	98%	2,600 gpm	22,450 cfm
4	PCS-130.25	10.82'	25'	37'	99%	2,600 gpm	22,450 cfm

The following items and/or services are included in each of the four (4) options:

- Aluminum tower shell with four (4) manways and a side effluent nozzle;
- 2" diameter Jaeger Tripacks packing media, shipped separate for field installation;
- Tower internals (orifice distributor tray, mist eliminator, packing support tray, and redistributors);
- Attached influent piping terminating at a 150# flange approximately 3' above the base of the tower;
- One blower, with a variable frequency drive, air measuring station, air inlet filters, silencer, and aluminum ductwork;
- Anchor bolt template and anchor bolts;
- Truck delivery to the jobsite;
- Two (2) days of on-site start-up services;
- Submittal drawings and O&M manuals.

Due to the potential wide operating range of the chosen system a dual blower arrangement is not practical. Therefore, the chosen system will utilize a single blower which will be provided with a variable frequency drive. A 4-20 mA signal will be provided by the air measuring station utilizing a differential pressure cell and P&ID controller. Wiring of these controls to the VFD is by others.

The towers for Options #1 and #3 will be designed to add a future spool piece containing 10' of packing media. The addition of this packing will result in towers capable of achieving 99.5% removal of TCE at the design water flow rates. The blower for each of these options has been sized with this modification in mind.

We have also provided an adder price for installation of any of the four (4) options. This price includes the labor and crane necessary to install the tower on a suitable concrete pad designed and provided by others.

The following items and/or services are not included in Hydro Group's scope of work:

- any items or services not listed above as part of this proposal;
- design, supply or installation of concrete base below packed column and blowers;
- on-site electrical wiring of any kind;
- piping or pipe fittings except as detailed above;
- laboratory testing of any kind;
- instrumentation or controls of any kind;
- pumping equipment;
- field painting of any kind;
- disinfection of equipment or disinfection chemicals;
- permits of any kind;
- spare parts of any kind;
- off-gas treatment considerations;
- sales tax.

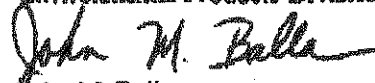
Please refer to our Standard Terms and Conditions of Sale, attached, which are a part of this proposal. Price quoted is FOB Bridgewater, NJ, freight prepaid. Please note that this price does not include any applicable sales tax. If you are tax exempt we will require a tax exemption certificate.

Shop drawings will be available ASAP after receipt of a written purchase order. In order to meet a June 30, 1995 delivery date, we will require written approval of this proposal by May 30, 1995. Additionally, we propose to hand deliver the shop drawings for immediate release for fabrication. Our payment terms are: 95% upon delivery, and 5% after start-up. All invoices are due 30 days net.

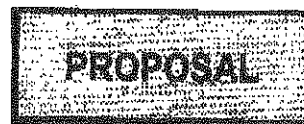
If you have any questions, or require any additional information regarding this proposal, please do not hesitate to call me. We are looking forward to working further with you on this project.

Sincerely yours,

HYDRO GROUP, INC.
Environmental Products Division


John M. Balla
Project Engineer

JMB/mef
Q95-048/95000357
cc: B Varley



ENVIRONMENTAL PRODUCTS DIVISION

TO: Mr. Robert Burns
Dvirka & Bartilucci Consulting Engineers
Syosset, NY 11791

DATE: May 26, 1995
RE: Bowling Green Estates Water District
REF. NO.: Q95-048

Hydro Group, Inc. Environmental Products Division proposes to provide equipment and/or services as follows:

ITEM	DESCRIPTION	PRICE
1	Option 1, Model No. PCS-115.19	\$ 153,700.00
	Option 2, Model No. PCS-115.25	169,200.00
	Option 3, Model No. PCS-130.19	169,600.00
	Option 4, Model No. PCS-130.25	169,900.00
2	Installation of any of the above systems	12,800.00

TERMS AND CONDITIONS ATTACHED ARE A PART OF THIS PROPOSAL

Shop drawings to be submitted: ASAP

Shipment after receipt of approved shop drawings: June 30, 1995, contingent on May 30, 1995 award

Delivery Terms: FOB Bridgewater, NJ, freight prepaid

Special Payment Terms: 30 days net on delivery

Attachments: Proposal, Standard Terms and Conditions of Sale

Hydro Group, Inc.

By: Thomas E. Johnson

Date: 5/26/95

Accepted:

By: _____

Date: _____

Exhibit 15

TOWN OF HEMPSTEAD
DEPARTMENT OF PURCHASING

PURCHASE REQUISITION

CONFIRMING ORDERS EXCEEDING
\$75.00 WILL NOT BE ACCEPTED

DEPARTMENT BOWLING GREEN WATER DISTRICT.

DELIVER TO Bowling Green Water District

1995 Prospect Avenue
LOCATED AT

East Meadow, NY 11554

Att: Comm. Davis, P.E.

2000

BG-8

APPROPRIATION ACCT.

71F-507-7502-5010

DATE DELIVERY REQUIRED

FORMAL BID NO.

DO NOT WRITE IN THESE COLUMNS

- VENDOR -

**PURCHASE
ORDER NO.**

AMOUNT

UNIT	PRICE
-------------	--------------

DESCRIPTION OF MATERIALS, SUPPLIES OR EQUIPMENT
COMPLETE SPECIFICATIONS MUST BE INDICATED
ITEMS OF ONE CLASSIFICATION ONLY

SUPPLY & INSTALL

Packed Tower Aeration System at

Bowling Green Estates Water District

Wells 1 and 2 as per attached

specifications.

SUPERVISOR'S
APPROVAL

EST. COST	\$200,000.00
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I HEREBY CERTIFY THAT THE ITEMS SPECIFIED ARE NECESSARY, FOR THE USE OF THIS DEPARTMENT AND THAT THE FUNDS ARE AVAILABLE THEREFORE.

DATE 6/7/95 APPROVED

REQUESTED BY Comm. Davis, P. E.

PA-23-45M-4/93

A	-	BIDS ATTACHED	<input type="checkbox"/>
B	-	PERIODIC BIDS	<input type="checkbox"/>
C	-	PREVIOUS LOW BID	<input type="checkbox"/>
D	-	CONTRACT	<input type="checkbox"/>
E	-	REPLACEMENT PARTS	<input type="checkbox"/>
F	-	FORMAL BID	<input type="checkbox"/>
G	-	EMERGENCY	<input type="checkbox"/>
		VV	<input type="checkbox"/>



TO: PRESIDING SUPERVISOR
 FROM: Daniel Davis, P.E., Commissioner
 DATE: June 7, 1995

SUBJECT: REQUEST FOR PERMISSION TO ADVERTISE FOR BIDS
 BY: ☒ COMMISSIONER OF PURCHASING (PURCHASE ITEMS)

TITLE: Packed Tower Aeration System

DESCRIPTION: Packed Tower Aeration System to include one (1) Tower (approx. 11' dia. x 31' hgt.), dual variable speed drive air blowers (filters, silencers, duct work), packing media, influent piping and connections.

JUSTIFICATION: For removal of hazardous volatile halogenated organic compounds present in Well No. 1 & Well No. 2 in the Bowling Green Estates Water District to a level which meets New York State Health Department drinking water standards.

REQUISITION NO. BG-8

ESTIMATED COST: \$200,000.00

Signed: *Daniel Davis*

DANIEL DAVIS P.E. COMM.
 WATER DEPARTMENT

APPROVED BY:

James J. Brown 6/7/95
 Commissioner of Purchasing

Date

A/C No. 71F-507-7502-5010

Enc. No.

APPROVED BY:

James J. Brown 6/7/95
 Town Comptroller

Date

NO OBJECTION:

James J. Brown
 Presiding Supervisor
 EXECUTIVE ASSISTANT

Date June 7, 1995

RETURN FOR PROCESSING TO:

☒ COMMISSIONER OF PURCHASING

PA6A 6/77

FB# 21-1995

Exhibit 16



ROUTE 15, WHARTON, NJ 07883

(201) 361-4000

DISPATCH (800) 526-4640 FAX (201) 361-0120

I C C # MC 133841

RECEIPT

PRO #

10781

DATE

07/19/95

SHIPPERS #.

HYDRO GROUP INC
97 CHIMNEY ROCK ROAD
BRIDGEWATER, NJ
908 704 8880

BOWLING GREEN WATER DISTRICT
1995 PROSPECT AVENUE
EAST MEADOW, NY
DANIEL DAVIS, P.E.

TRAILER	TRACTOR	DRIVER	TRIP NUMBER	P.O. NUMBER	DATE	PPD/COLL.	
4521	9502	Jamison	T2191	5441 / JOB# 30Y480/95	07/19/95		
NO. PIECES	DESCRIPTION OF ARTICLES AND SPECIAL REMARKS					MILES	WEIGHT
1	ALUMINUM TOWER 38' L X 12' W X 12' H					0	10000
TOTAL PIECES	CONSIGNEE NOTE: SHIPMENT HAS BEEN DELIVERED IN GOOD ORDER UNLESS OTHERWISE NOTED. ALL CLAIMS MUST BE REPORTED WITHIN 24 HOURS. WE WILL NOT BE RESPONSIBLE FOR CONCEALED DAMAGE. IN THE EVENT DAMAGE IS NOTED AT TIME OF DELIVERY, A DETAILED ACCOUNT OF THE NATURE OF IT MUST BE NOTED HEREON, BEFORE DRIVER LEAVES.					MILES	TOTAL WEIGHT
1						0	10000
ENTER TIMES	TRUCK ARRIVED	UNLOADING BEGAN	UNLOADING COMPLETE	VEHICLE RELEASED	TOTAL CHARGES		
	7:30 AM PM	9:30 AM PM	10:40 AM PM	10:40 AM PM			
Received the above articles in Good Condition EXCEPT as noted:							<input type="checkbox"/> C.O.D.
TOWN of Hempstead Water Dept		BY X Russell P. Davis		7/20/95		CONSIGNEE COPY	
COMPANY NAME		FULL NAME - SIGNATURE		DATE			

HEM0009125